ELSEVIER

Journal of Non-Crystalline Solids 271 (2000) 267–268

JOURNAL OF NON-CRYSTALLINE SOLIDS

www.elsevier.com/locate/jnoncrysol

Author Index

Akazawa, H., Bond exchange, network restructuring and recrystallization in vacuum-ultraviolet-irradiated a-Si:H films 271 (2000) 73
Aldon, L., see Lippens, P.E. 271 (2000) 119
Andronis, V. and G. Zografi, Crystal nucleation and growth of indomethacin polymorphs from the amorphous state 271 (2000) 236
Avramov, I., G. Guinev and A.C.M. Rodrigues, Thermal analysis of Li_2O TeO_2 glass 271 (2000) 12

Ball, G.E., see Wonorahardjo, S. 271 (2000) 137

Chayahara, A., see Fukumi, K. 271 (2000) 171
Chen, L.Y., see Wang, J. 271 (2000) 100

Deng, Z.S., see Wang, J. 271 (2000) 100

Eisenschmidt, C., see Schmidt, U. 271 (2000) 29

Fejfar, A., see Poruba, A. 271 (2000) 152
Fukumi, K., A. Chayahara, H. Kageyama, K. Kadono, N. Kitamura, H. Mizoguchi, Y. Horino and M. Makihara, XANES study on coordination geometry of implanted Cu^+ ions in silica glass: dependence on doses 271 (2000) 171

Ghosh, A., see Pan, A. 271 (2000) 157
Guinev, G., see Avramov, I. 271 (2000) 12
Guo, S., see Liang, C. 271 (2000) 167

Herrero, C.P., Path-integral Monte Carlo study of amorphous silicon 271 (2000) 18
Hook, J., see Wonorahardjo, S. 271 (2000) 137
Horino, Y., see Fukumi, K. 271 (2000) 171

Illas, F., see Lopez, N. 271 (2000) 56

Joo, C., U. Werner-Zwanziger and J.W. Zwanziger, Erratum to "The ring structure of boron trioxide glass" [J. Non-Cryst. Solids 261 (2000) 282–286] 271 (2000) 265
Jumas, J.C., see Lippens, P.E. 271 (2000) 119

Kadono, K., see Fukumi, K. 271 (2000) 171
Kageyama, H., see Fukumi, K. 271 (2000) 171
Kawamoto, Y., see Sakida, S. 271 (2000) 64
Kitamura, N., see Fukumi, K. 271 (2000) 171
Kitamura, N., see Sakida, S. 271 (2000) 64
Kleebe, H.-J., see Pezzotti, G. 271 (2000) 79
Kobayashi, N., see Matsuda, H. 271 (2000) 162
Kobayashi, T., see Matsuda, H. 271 (2000) 162
Kočka, J., see Poruba, A. 271 (2000) 152
Kong, L., see Li, D. 271 (2000) 45
Kuwabara, M., see Matsuda, H. 271 (2000) 162

Larsen, G., H.S. Silva and R. Venturini de Silva, Structure of hybrid (organic/inorganic) TiO_2–SiO_2 xerogels as studied by neopentane adsorption at 273 K and Ti K-edge X-ray absorption spectroscopy 271 (2000) 1
Le Bail, A., Reverse Monte Carlo and Rietveld modelling of the $NaPbM_2F_9$ (M=Fe, V) fluoride glass structures 271 (2000) 249
Lee, J.-K., see Roh, O.H. 271 (2000) 260
Li, D., L. Kong, L. Zhang and X. Yao, Sol–gel preparation and characterization of transparent $KTiOPO_4$/SiO_2 nanocomposite glass for second harmonic generation 271 (2000) 45
Liang, C., G. Sha and S. Guo, Resorcinol–formaldehyde aerogels prepared by supercritical acetone drying 271 (2000) 167
Lippens, P.E., J.C. Jumas, J. Olivier-Fourcade and L. Aldon, EXAFS study of the local structure in Ge–As–Te glasses 271 (2000) 119
Lopez, N., M. Vitiello, F. Illas and G. Pacchioni, Interaction of H_2 with strained rings at the silica surface from ab initio calculations 271 (2000) 56

Makihara, M., see Fukumi, K. 271 (2000) 171
Masuda, A., see Yokomichi, H. 271 (2000) 147
Matsuda, H., N. Kobayashi, T. Kobayashi, K. Miyazawa and M. Ku-

0022-3093/00/$ - see front matter © 2000 Elsevier Science B.V. All rights reserved.
PII: S0022-3093(00)00241-6

wabara, Room-temperature synthesis of crystalline barium titanate thin films by high-concentration sol–gel method 271 (2000) 162
Miyauchi, K., see Sakida, S. 271 (2000) 64
Miyazawa, K., see Matsuda, H. 271 (2000) 162
Mizoguchi, H., see Fukumi, K. 271 (2000) 171
Moran, G., see Wonorahardjo, S. 271 (2000) 137

Nishida, T., see Pezzotti, G. 271 (2000) 79

Olivier-Fourcade, J., see Lippens, P.E. 271 (2000) 119
Ota, K., see Pezzotti, G. 271 (2000) 79
Ota, R., see Pezzotti, G. 271 (2000) 79

Pacchioni, G., see Lopez, N. 271 (2000) 56
Pan, A. and A. Ghosh, A new family of lead–bismuthate glass with a large transmitting window 271 (2000) 157
Pezzotti, G., T. Wakasugi, T. Nishida, R. Ota, H.-J. Kleebe and K. Ota, Chemistry and inherent viscosity of glasses segregated at grain boundaries of silicon nitride and silicon carbide ceramics 271 (2000) 79
Poruba, A., A. Fejfar, O. Salyk, M. Vanecek and J. Kočka, Surface and bulk light scattering in microcrystalline silicon for solar cells 271 (2000) 152

Rault, J., Origin of the Vogel–Fulcher–Tammann law in glass-forming materials: the α–β bifurcation 271 (2000) 177
Rawlings, R.D., see Romero, M. 271 (2000) 106
Rincón, J.Ma., see Romero, M. 271 (2000) 106
Rodrigues, A.C.M., see Avramov, I. 271 (2000) 12
Roh, O.H., J.M. Seo and J.-K. Lee, The solid-phase crystallization mechanism of hydrogenated amorphous silicon–germanium alloy films 271 (2000) 260
Romero, M., R.D. Rawlings and J.Ma. Rincón, Crystal nucleation and growth in glasses from inorganic wastes from urban incineration 271 (2000) 106
Rouxel, T. and J.-C. Sanglebœuf, The brittle to ductile transition in a soda–lime–silica glass 271 (2000) 224

Sakida, S., K. Miyauchi, Y. Kawamoto and N. Kitamura, Permanent densification behavior and ^{29}Si MAS NMR of SiO_2–K_2O–CaO–SrO glasses 271 (2000) 64
Sakurai, Y., The 3.1 eV photoluminescence band in oxygen-deficient silica glass 271 (2000) 218
Salyk, O., see Poruba, A. 271 (2000) 152
Sanglebœuf, J.-C., see Rouxel, T. 271 (2000) 224
Schmidt, U., C. Eisenschmidt, T. Vieweger, C.Y. Zahra and A.-M. Zahra, Crystallization of amorphous AlDy- and AlDyCo-alloys 271 (2000) 29
Seo, J.M., see Roh, O.H. 271 (2000) 260
Sha, G., see Liang, C. 271 (2000) 167
Shen, J., see Wang, J. 271 (2000) 100
Silva, H.S., see Larsen, G. 271 (2000) 1

Vanecek, M., see Poruba, A. 271 (2000) 152
Venturini de Silva, R., see Larsen, G. 271 (2000) 1
Vieweger, T., see Schmidt, U. 271 (2000) 29
Vitiello, M., see Lopez, N. 271 (2000) 56

Wakasugi, T., see Pezzotti, G. 271 (2000) 79
Wang, J., Z.S. Deng, J. Shen and L.Y. Chen, Silylation of polydiethoxysiloxane derived silica aerogels 271 (2000) 100
Wang, M., see Zhang, Y. 271 (2000) 88
Wang, T.-J., H. Zhang, G. Zhang and T. Yuan, Computer modeling of satellite peak in tin profile of float glass 271 (2000) 126
Werner-Zwanziger, U., see Joo, C. 271 (2000) 265
Wittman, E. and E.D. Zanotto, Surface nucleation and growth in Anorthite glass 271 (2000) 94
Wonorahardjo, S., G.E. Ball, J. Hook and G. Moran, ^2H NMR relaxation monitoring of gelation in tetramethoxysilane sol–gels 271 (2000) 137

Yao, X., see Li, D. 271 (2000) 45
Yokomichi, H. and A. Masuda, Effects of nitrogen incorporation on structural properties of fluorinated amorphous carbon films 271 (2000) 147
Yuan, T., see Wang, T.-J. 271 (2000) 126

Zahra, A.-M., see Schmidt, U. 271 (2000) 29
Zahra, C.Y., see Schmidt, U. 271 (2000) 29
Zanotto, E.D., see Wittman, E. 271 (2000) 94
Zhang, G., see Wang, T.-J. 271 (2000) 126
Zhang, H., see Wang, T.-J. 271 (2000) 126
Zhang, L., see Li, D. 271 (2000) 45
Zhang, Y. and M. Wang, Mechanical characterization and optical properties analysis of organically modified silicates 271 (2000) 88
Zografi, G., see Andronis, V. 271 (2000) 236
Zwanziger, J.W., see Joo, C. 271 (2000) 265

ELSEVIER

Journal of Non-Crystalline Solids 271 (2000) 269–270

JOURNAL OF NON-CRYSTALLINE SOLIDS

www.elsevier.com/locate/jnoncrysol

Subject Index

Aerogels
Nuclear Magnetic Resonance 271 (2000) 100
Sol–Gel Method 271 (2000) 167

Alkali Silicate Glasses
Fracture, Relaxation 271 (2000) 224

Amorphous Semiconductors
Crystallization 271 (2000) 260

Barium Titanate
Sol–Gel Method, Thin Films 271 (2000) 162

Chalcogenide Glasses
Structure, X-ray Absorption 271 (2000) 119

Chemical vapor deposition
Electron Spin Resonance, Infra-red Absorption, Nitrogen, Structure, XPS 271 (2000) 147

Computer Simulation
Fluoride Glasses, Monte Carlo Simulations, Structure 271 (2000) 249

Crystallization
Amorphous Semiconductors 271 (2000) 260
Nucleation 271 (2000) 236
Glass Ceramics 271 (2000) 94
Metallic Glasses 271 (2000) 29
Thermal Properties 271 (2000) 106

Defects
Germania, Luminescence 271 (2000) 218

Density
Nuclear Magnetic Resonance, Pressure Effects, Structure 271 (2000) 64

Diffusion
Tin Oxide 271 (2000) 126

Electron Spin Resonance
Chemical vapor deposition, Infra-red Absorption, Nitrogen, Structure, XPS 271 (2000) 147

Ellipsometry
Silicon, Structure 271 (2000) 73

Fluoride Glasses
Computer Simulation, Monte Carlo Simulations, Structure 271 (2000) 249

Fracture
Alkali Silicate Glasses, Relaxation 271 (2000) 224
Organic-Inorganic Hybrids, Sol–Gel Processes 271 (2000) 88

Germania
Defects, Luminescence 271 (2000) 218

Glass Ceramics
Crystallization 271 (2000) 94
Interfaces, Internal Friction, Silicon Carbide, Silicon Nitride 271 (2000) 79

Glass Transition
Structural Relaxation 271 (2000) 177

Hydrogen Effects
Modelling 271 (2000) 56

Infra-red Absorption
Chemical vapor deposition, Electron Spin Resonance, Nitrogen, Structure, XPS 271 (2000) 147

Interfaces
Glass Ceramics, Internal Friction, Silicon Carbide, Silicon Nitride 271 (2000) 79

Internal Friction
Glass Ceramics, Interfaces, Silicon Carbide, Silicon Nitride 271 (2000) 79

Ion Implantation
X-ray Absorption 271 (2000) 171

Light Scattering
Silicon, Solar Cells 271 (2000) 152

Luminescence
Defects, Germania 271 (2000) 218

0022-3093/00/$ - see front matter © 2000 Elsevier Science B.V. All rights reserved.
PII: S0022-3093(00)00242-8

Metallic Glasses
Crystallization 271 (2000) 29

Modelling
Hydrogen Effects 271 (2000) 56

Monte Carlo Simulations
Computer Simulation, Fluoride Glasses, Structure 271 (2000) 249
Silicon 271 (2000) 18

Nitrogen
Chemical vapor deposition, Electron Spin Resonance, Infra-red Absorption, Structure, XPS 271 (2000) 147

Nuclear Magnetic Resonance
Aerogels 271 (2000) 100
Density, Pressure Effects, Structure 271 (2000) 64
Sol–Gel Processes 271 (2000) 137

Nucleation
Crystallization 271 (2000) 236

Optical Properties 271 (2000) 157
Sol–Gel Method 271 (2000) 45

Organic-Inorganic Hybrids
Fracture, Sol–Gel Processes 271 (2000) 88
Structure, X-ray Absorption 271 (2000) 1

Pressure Effects
Density, Nuclear Magnetic Resonance, Structure 271 (2000) 64

Relaxation
Alkali Silicate Glasses, Fracture 271 (2000) 224

Silicon
Ellipsometry, Structure 271 (2000) 73
Light Scattering, Solar Cells 271 (2000) 152
Monte Carlo Simulations 271 (2000) 18

Silicon Carbide
Glass Ceramics, Interfaces, Internal Friction, Silicon Nitride 271 (2000) 79

Silicon Nitride
Glass Ceramics, Interfaces, Internal Friction, Silicon Carbide 271 (2000) 79

Sol–Gel Method
Aerogels 271 (2000) 167
Barium Titanate, Thin Films 271 (2000) 162
Optical Properties 271 (2000) 45

Sol–Gel Processes
Fracture, Organic-Inorganic Hybrids 271 (2000) 88
Nuclear Magnetic Resonance 271 (2000) 137

Solar Cells
Light Scattering, Silicon 271 (2000) 152

Structural Relaxation
Glass Transition 271 (2000) 177

Structure
Chalcogenide Glasses, X-ray Absorption 271 (2000) 119
Chemical vapor deposition, Electron Spin Resonance, Infra-red Absorption, Nitrogen, XPS 271 (2000) 147
Computer Simulation, Fluoride Glasses, Monte Carlo Simulations 271 (2000) 249
Density, Nuclear Magnetic Resonance, Pressure Effects 271 (2000) 64
Ellipsometry, Silicon 271 (2000) 73
Organic-Inorganic Hybrids, X-ray Absorption 271 (2000) 1

Tellurite Glasses
Thermal Properties 271 (2000) 12

Thermal Properties
Crystallization 271 (2000) 106
Tellurite Glasses 271 (2000) 12

Thin Films
Barium Titanate, Sol–Gel Method 271 (2000) 162

Tin Oxide
Diffusion 271 (2000) 126

XPS
Chemical vapor deposition, Electron Spin Resonance, Infra-red Absorption, Nitrogen, Structure 271 (2000) 147

X-ray Absorption
Chalcogenide Glasses, Structure 271 (2000) 119
Ion Implantation 271 (2000) 171
Organic-Inorganic Hybrids, Structure 271 (2000) 1